

VERSION DESCRIPTION DOCUMENT FOR THE NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS)

Release 5.0

NASA-NEMS-VDD-13

PrISMS Contract

February 28, 2002



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT FOR THE
NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS)
RELEASE 5.0**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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NASA EQUIPMENT MANAGEMENT SYSTEM (NEMS)
RELEASE 5.0**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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1. INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the NASA Equipment Management System (NEMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NEMS, Release 5.0 and has an effective release date of February 28, 2002.

1.2 PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

<u>CCR</u>	<u>Title</u>
297	Create a NEMS version and Finance version of the 410/411/412 reports
299	Capitalization Amount cannot be greater than Cost Edit
300	Automatically generate 1602 for Transactions 39 and 41
303	Change selection criteria on reports 200, 201, and 202 to Capitalization-Amt
304	Create a NEMS version and finance version of the 400 report
305	Remove edit (54) that prevents a report from being scheduled more than once for a frequency
306	Backup report datasets that are sent to ADOSS
307	Add edit to check if report is set up in ADOSS
308	Change check date in program to be input from JCL
311	Revisions to NEMS web front end
315	Edit 467 is not always correct

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

<u>CCR</u>	<u>Title</u>
309	Cap Sens Code 'P' being converted to 'M' incorrectly

1.3 SCOPE

This VDD provides the functional and technical user of NEMS with information regarding the content, status, and structure of Release 5.0, including the following:

- Changes implemented since Release 4.9.1;
- Validation procedures to ensure the reliability of release changes;
- References to other documentation affected by this release;
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NEMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Use following Key Words: SESAAS & NEMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

2. FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT changes related to this release.

2.2 FUNCTIONAL INTERFACES

This section is not applicable for this release.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

The following documents were changed for this release:

NEMS User Guide

NEMS Operations Guide

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3. TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

This section is not applicable with this release.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.0, for the data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Section 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NEMS Software Release 5.0 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4. KNOWN AND OPEN PROBLEMS

There are no known or open problems related to this release.

APPENDIX A - ABBREVIATIONS AND ACRONYMS

CC	Consolidation Center
CCR	Change Control Request
CSC	Computer Sciences Corporation
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NEMS	NASA Equipment Management System
NPDMS	NASA Property Disposal Management System
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B - GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a NASA software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a NASA application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with a NASA application.

APPENDIX C - FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release:

Section	CCR	Title
1.0	297	Create a NEMS version and Finance version of the 410/411/412 reports
2.0	299	Capitalization amount cannot be greater than Cost edit
3.0	300	Automatically generate 1602 for Transactions 39 and 41
4.0	303	Change selection criteria on Reports 200, 201, 202 to Capitalization-Amt
5.0	304	Create a NEMS version and finance version of the 400 report
6.0	305	Remove edit (54) that prevents a report from being schedule more than once for a frequency
7.0	306	Backup report datasets that are sent to ADOSS
8.0	307	Add edit to check if report is set up in ADOSS
9.0	308	Change check date in program to be input from JCL
10.0	309	Cap Sens Code 'P' being converted to 'M' incorrectly
11.0	311	Revisions to NEMS web front end
12.0	315	Edit 467 is not always correct

Details for the validation procedures follow:

1.0 CCR 297 – Create a NEMS version and finance version of the 410/411/412 reports.

Currently NEMS report 410/411/412 reports information for NEMS and Finance. This situation can be confusing and lead to mistakes when reporting information from the report.

Description of Change

Code was added to add the additional reports.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Have transactions on the NEMS-YEARLY-TRANS file and NEMS-EQUIPMENT file
- Run reports 420, 422, 430, and 432 with the ENDING DATE a date older than the latest transaction date.
Expected Results: Should execute correctly.
Report 420 – The totals should balance with the 422 report.
Report 422 – The totals should balance with the 420 report.
Report 430 – The totals should balance with the 432 report.
Report 432 – The totals should balance with the 430 report.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
JCLGENP2	JCL Generator – Reports	Program
PRM420P1	Parameter 1324 – Controlled Equip Report - NEMS	Program
RPT420P1	1324 – Controlled Equip Report - NEMS	Program
PRM422P1	Parameter 1324 – Controlled Equip Report - NEMS	Program
RPT422P1	1324 - Controlled Equip Report – NEMS - Summary	Program
RPT422P2	1324 – Controlled Equip Report Detail – NEMS	Program
RPT422P3	1324 – Controlled Equip Report – NEMS – Detail	Program
PRM430P1	Parameter 1324 – Controlled Equip Report - Finance	Program
RPT430P1	1324 – Controlled Equip Report - Finance	Program
PRM432P1	Parameter 1324 – Controlled Equip Report - Finance	Program
RPT432P1	1324 - Controlled Equip Report – Finance - Summary	Program
RPT432P2	1324 – Controlled Equip Report Detail – Finance	Program
RPT432P3	1324 – Controlled Equip Report – Finance – Detail	Program
UPTBLS05	Update Table S05 (Report Table)	Program

2.0 CCR 299 – Capitalization amount cannot be greater than Cost edit.

Currently in NEMS the Capitalization Amount can be greater than the Cost.

Description of Change

Code was changed to not allow the Capitalization amount to be greater than Cost.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have one ECN on the Transfer file with the cost of \$100000 and one ECN that has not been used.
- Do a transaction 04 on the first ECN. Enter a Capital Amt of \$105000.
Expected Results: Should get an error stating that capital amount is greater than cost.
- Change the Capital Amt to Blank.
Expected Results: Should add the ECN.
- Do a transaction 04 of the second ECN. Make the cost less than the capital amount.
Expected Results: Should get an error stating that capital amount is greater than cost.
- Change the Capital Amount so its less than the cost.
Expected Results: Should add the ECN.
- Must have one ECN that has not been used and one ECN that was added in NPDMS and deleted with a disposition T05.
- Do a transaction 13 on the first ECN. Make the cost less than the capital amount.
Expected Results: Should get an error stating that capital amount is greater than cost.
- Change the Capital Amount so its less than the cost.
Expected Results: Should add the ECN.
- Do a transaction 13 on the second ECN. Make the Capital amount less than the cost.
Expected Results: Should get an error stating that capital amount is greater than cost.
- Change the Capital Amount so its less than the cost.
Expected Results: Should add the ECN.
- Must have one ECN with the cost \$280000 and capital amount of \$260000.
- Do a transaction 25 on the ECN. Make the capital amount greater than the cost.
Expected Results: Should get an error stating that capital amount is greater than cost.
- Change the Capital Amount so its less than the cost.

- Expected Results: Should change the ECN.
- Must have one ECN that has a cost of \$104000 and a capital amount of \$0.
 - Do a transaction 63 on the ECN. Change the capital amount to greater than the cost.
Expected Results: Should get an error stating the capital amount is greater than cost.
 - Change the capital amount so its less than the cost.
Expected Results: Should change the ECN.
 - Must have two ECNs that are present on the Transfer file with a cost of \$104000 and is an overage on the bar-code file for Inventory and two ECNs that are an overage on the bar-code file for Inventory.
 - Do a transaction I04 on the first ECN on the Transfer file. Make the capital amount greater than the cost.
Expected Results: Should receive an error stating that capital amount cannot be greater than cost.
 - Change the capital amount so its less than cost.
Expected Results: Should add the ECN.
 - Do a transaction I04 on the first ECN that is just an overage. Make the capital amount greater than the cost.
Expected Results: Should receive an error stating that capital amount cannot be greater than cost.
 - Change the capital amount so its less than cost
Expected Results: Should add the ECN.
 - Do a transaction I13 on the second ECN on the Transfer file. Make the capital amount greater than the cost.
Expected Results: Should receive an error stating that capital amount cannot be greater than cost.
 - Change the capital amount so its less than cost.
Expected Results: Should add the ECN.
 - Do a transaction I13 on the second ECN that is just an overage. Make the capital amount greater than the cost.
Expected Results: Should receive an error stating that capital amount cannot be greater than cost.
 - Change the capital amount so its less than cost
Expected Results: Should add the ECN.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
TRN004P1	Add Trans 04 (Receipt by Transfer from NASA Inst)	Program
TRN013P1	Add Trans 13 (Receipt from Excess)	Program
TRN025P1	Change Trans 25 (Cost Change)	Program
TRN063P1	Change Trans 63 (Reverse Add)	Program

UPTBLS02	Update Table S02 (Error Table)	Program
<u>NEMSINV</u>		
TRNI04P1	Add Trans I04 (Receipt by Transfer from NASA Inst)	Program
TRNI13P1	Add Trans I13 (Receipt from Excess)	Program

3.0 CCR 300 – Automatically generate 1602 for transactions 39 and 41.

When a piece of equipment is returned to a Center from a loan (transaction 41) or borrow out (transaction 39) status a 1602 is not automatically generated.

Description of Change

Code was changed to automatically generate the 1602 on Transactions 39 and 41.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have one ECN that has had a Transaction 38 done and one ECN that has had a Transaction 40 done.
- Do a transaction 39 on the first ECN. Verify that the NEMS-1 line has a B on it. Press Enter.
Expected Results: Should automatically generate the 1602 .
Change the Capital Amt to Blank.
- Do a transaction 41 on the first ECN. Verify that the NEMS-1 line has a B on it. Press Enter.
Expected Results: Should automatically generate the 1602 .
Change the Capital Amt to Blank.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
TRN039P1	Change Trans 39 (Borrowed Out-Returned)	Program
TRN041P1	Change Trans 41 (Loan/Lease Out- Returned)	Program

4.0 CCR 303 – Change selection criteria on reports 200, 201, and 202 to Capitalization-Amt.

Currently NEMS reports 200, 201, and 202 are selecting equipment based on a CAP-SENS-CODE of 'M' or 'P'.

Description of Change

Code was changed to select equipment based on the Capitalization Amount.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Run reports 200, 201, and 202.
Expected Results: Should execute correctly and use the Capitalization-Amt as the new selection criteria.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NEMS		
RPT200P1	Capital Equipment Type Account Report	Program
RPT201P1	Capital Equipment Type Account Report	Program
RPT202P1	Capital Equipment Type Account Report	Program

5.0 CCR 304 – Create a NEMS version and finance version of the 400 report.

Currently NEMS report 400 reports information for NEMS and Finance. This situation can be confusing and lead to mistakes when reporting information from the report.

Description of Change

Code was added to add the additional reports.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Have ECNs that have capital amounts with cap-sens-codes equal to M or P.
- Have ECNs that have no capital amounts with cap-sens-codes equal to Q or N.
- Run reports 400, 401, and 402.
Expected Results: Should execute correctly and reports 401 and 402 should contain all the information on report 400.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
RPT401P1	NEMS Reconciliation Summary	Program
PRM401P1	Parameter NEMS Reconciliation	Program
RPT402P1	Financial Reconciliation Summary	Program
PRM402P1	Parameter Financial Reconciliation	Program
UPTBLS05	Update Table S05 (Report Table)	Program

6.0 CCR 305 – Remove edit (54) that prevents a report from being scheduled more than once for a frequency.

Currently some reports need to be scheduled more than once for a given frequency (monthly, etc) and edit 054 prevents scheduling the report more than once for that frequency.

Description of Change

Code was added to remove the edit (54) and add an additional screen to select the scheduled report that needs to be changed or deleted.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Check to make sure that under Alter Currently Scheduled Jobs that the following fields are being displayed: Seq, Rpt, Eff Date, Status, Copies, Distribution, Freq., and Printer.
- For NEMS Regularly Scheduled Reports –
Test all the fields – enter incorrect information (wrong report number, etc) or no information and verify that you get an error. Check to be sure you can do an add, change, and delete.
- For the List Report XXX screen –
Test the Sequence number field with incorrect information (A sequence number that is not on the screen, etc) or no information and verify that you get an error.
- For the NEMS Regularly Scheduled Reports (screen 2) –
Test all the fields – enter incorrect information (alpha characters in the copy field, etc) or no information and verify that you get an error. Make sure that when you do an add, the report is added. Make sure that when you do a change or delete, the report is changed or deleted.
- Make sure that no more than 10 reports of the same frequency can be scheduled for one day. Do this through an add and a change (change the effective date to a day that already has ten reports).

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NEMS		
RPTCHGMA	List Report Screen	Map
RPTCHGNA	Report Cycle Update List	Subpgm
RPTCHGP1	Report Cycle Update	Program
RTPSUBP1	Alter Scheduled Reports	Program

7.0 CCR 306 – Backup report datasets that are sent to ADOSS.

Currently the report datasets can be transmitted to ADOSS. If the ADOSS server is down then the report datasets are not transmitted. It might be several days before it is discovered that the report datasets were not transmitted to ADOSS on a particular day. There are some reports that cannot be recreated and the original dataset has been overwritten by subsequent reports.

Description of Change

Code was changed to write to a backup dataset.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule all reports to write to ADOSS.
Expected Results: Verify information went to the backup dataset.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
NEADOSLA	Local for NEADOSP1	Local
NEADOSP1	Processing ADOSS Reports	Program
UPTBL200	Update Table 200	Program

8.0 CCR 307 – Add edit to check if report is set up in ADOSS.

Currently there is not an edit in NEMS to check to see if a report is set up to transmit to ADOSS. If the user schedules a report to be sent to ADOSS and the report has not been set up to be sent to ADOSS an error occurs.

Description of Change

Code was changed to check Table 200 for the reports scheduled to ADOSS.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Schedule one report that is on Table 200 to go to ADOSS.
Expected Results: The report will be scheduled to ADOSS.
- Schedule one report that is NOT on Table 200 to go to ADOSS.
Expected Results: Should get an error stating “G12 – This report cannot be scheduled for ADOSS”.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NEMS		
RPTSELP2	Report Distribution Menu Program	Program
UPTBLS02	Update Table S02	Program

9.0 CCR 308 – Change check date in program to be input from JCL.

Currently the NEUCEQPA, NEUCEQPB, and NEUCEQPC have the check date (#CHECK-DATE) hard coded and it must be changed each year.

Description of Change

Code was changed to remove the hard-coded date and have the JCL input the date.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Run programs NEUUEQPA, NEUCEQPA, NEUCEQPB, and NEUCEQPC in batch.
Expected results: The programs will use the date from the JCL.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
NEUCEQPA	NEMS Capital Equipment by FSC (Summary)	Program
NEUCEQPB	NEMS Capital Equipment by FSC (Detail)	Program
NEUCEQPC	NEMS Capital Equipment by Heritage Code (Detail)	Program

10.0 CCR 309 – Cap Sens Cond ‘P’ being converted to ‘M’ incorrectly.

In NEMS transactions 13, 15, and 19 and in NEMS Inventory transactions I04, I13, I15, and I19 are incorrectly converting Cap Sens Code ‘P’ to an ‘M’.

Description of Change

Code was changed to check for a Cap Sens Code of ‘Q’ to convert to an ‘M’.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Have an ECN, not in history, with a capital value and cap sens code of P.
Do a Transaction 13 on that ECN.
Expected results: The ECN will be added.
Do an Adhoc (Equipment file by ECN) on that ECN.
Expected results: The cap sens code will be a P.
Have an ECN that is on the history file with a capital value of \$100,000 and cap sens code of P.
Do a Transaction 15 on that ECN.
Expected results: The ECN will be added.
Do an Adhoc (Equipment file by ECN) on that ECN.
Expected results: The cap sens code will be a P.
Have an ECN that is on the history file with a capital value of \$100,000 and cap sens code of P.
Do a Transaction 19 on that ECN.
Expected results: The ECN will be added.
Do an Adhoc (Equipment file by ECN) on that ECN.
Expected results: The cap sens code will be a P.
Have an ECN that is on the history file with a capital value of \$100,000 and cap sens code of P.
Do a Transaction I04 on that ECN.
Expected results: The ECN will be added.
Do an Adhoc (Equipment file by ECN) on that ECN.
Expected results: The cap sens code will be a P.
- Have an ECN that is on the history file or Transfer file with a capital value of \$100,000 and cap sens code of P.
Do a Transaction I13 on that ECN.
Expected results: The ECN will be added.
Do an Adhoc (Equipment file by ECN) on that ECN.
Expected results: The cap sens code will be a P.
Have an ECN that is on the history file with a capital value of \$100,000 and cap sens code of P.
Do a Transaction I15 on that ECN.
Expected results: The ECN will be added.
Do an Adhoc (Equipment file by ECN) on that ECN.

Expected results: The cap sens code will be a P.
 Have an ECN that is on the history file that was deleted with a Transaction 71 and cap sens code of P.
 Do a Transaction I19 on that ECN.
 Expected results: The ECN will be added.
 Do an Adhoc (Equipment file by ECN) on that ECN.
 Expected results: The cap sens code will be a P.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
<u>NEMS</u>		
TRN013P1	Add Trans 13 (Receipt from Excess)	Program
TRN015P1	Add Trans 15 (Receipt from ROR from History File)	Program
TRN019P1	Add Trans 19 (Reinstate items previous lost)	Program
TRNI04P1	Add Trans I04 (Receipt by Transfer – from NASA)	Program
TRNI13P1	Add Trans I13 (Receipt from Excess)	Program
TRNI15P1	Add Trans I15 (Receipt from ROR from History File)	Program
TRNI19P1	Add Trans I19 (Reinstate items previous lost)	Program

11.0 CCR 311 – Revisions to NEMS web front end.

The NEMS web front end for user and location changes was developed using Active Server Pages (ASP) and IIS.

Description of Change

Code was converted to use JAVA Server Pages (JSP) and Resin. Also, combine the S14 – Web User ID table with the 090 – User Number Table.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Add a new record to the User Number Table 090.
Expected Results: Should add new record.
- Change that record.
Expected Results: Should change record.
- Delete that record.
Expected Results: Should delete record.
- Make sure Table 090 displays in the adhoc. (ADHOC Inquiries).
Expected Results: Table 090 displays.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
ADH090P1	User Number Table Adhoc List	Program
ADH090P2	User Number Table Adhoc List	Program
MNT000P1	Maintenance Scheduling Menu	Program
NELOGON1	Check Logon Userid and Password for Web input	Subpgm
NEU090PA	NEMS Update 090 Table with S14 Data	Program
NEWDISN1	Disapproval assignment for your userid	Subpgm
NEWLBUN1	List all Buildings	Subpgm
NEWLEAN1	List Equipment waiting approval	Subpgm
NEWLEUN1	List Equipment assigned to a User Number	Subpgm
NEWLOAN1	List Equipment waiting approval by others	Subpgm
NEWLUSN1	List all Userids	Subpgm
NEWXFRN1	Change to a new user (Web User Number Change)	Subpgm
TBL090P1	User Number Table Update	Program
TRNW29N1	Change Trans 29 (Web Equipment Location Change)	Subpgm
TRNW31N1	Change Trans 31 (Web User Number Change)	Subpgm
UPTBLS02	Update Table	Program

12.0 CCR 315 – Edit 467 is not always correct.

Edit 467 – Date Inst Acq must not be less than Previous Date Inst Acq is not correct when comparing dates across the century (Date Inst Acq 2001 12 14 and Prev Date Inst Acq 1999 12 14).

Description of Change

Code was changed to use the 8 digit date for the comparison.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Must have two ECNs using Transaction 08 (one with Date Inst Acq 990101 and one with 010101).
- Do a Transaction 21, the previous ECN is the first one using the 99 date. Add a new Acq Document Control No., change the Date Inst Acq to 010101, and add a cap/sens code.
Expected Results: Should add the new ECN and delete the old ECN.
- Do a Transaction 21, the previous ECN is the second one using the 01 date. Add a new Acq Document Control No., and add a cap/sens code.
Expected Results: Should add the new ECN and delete the old ECN.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
TRN021P1	Add Trans 21 (Receipt – Lease to Purchase)	Program

APPENDIX D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NEMS SOFTWARE RELEASE 5.0

Introduction

Release information:

System Name: NEMS
Release Number: 5.0
Release Date: February 28, 2002
Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NEMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

The following datasets are located on the transient storage DASD volumes under the following data sets names:

xxMOV.NEMS.PROD.R500.R0202.PRD
xxMOV.NEMS.PROD.R500.R0202.SRC

Where "xx" is replaced by the appropriate NASA Center designation.

AR - ARC
DF - DFRC
GS - GSFC
HQ - HQ
J5 - JSC
KS - KSC
LA - LaRC
LE - GRC (Glenn)
MS - MSFC
SS - SSC

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in section 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all NEMS files as a precautionary measure prior to installation.

2.0 Copy Source

2.1 Copy Source Code

- A. Source code is installed in three separate libraries. Source code for programs modified in this release version were unloaded in the NATUNLD format, these programs all have specific destination libraries as shown below. All the NEMS programs have a destination of NEMS; NEMSINV programs have a destination of NEMSINV and NEMSPCM programs have a destination of NEMSPCM.

NOTE: Module names in **bold** have been changed since the Beta release.

1. Load the NEMS source library from the dataset xxMOV.NEMS.PROD.R500.R0202.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The NEMS programs:

- | | |
|--------------------|--|
| 1. ADH090P1 | User Number Table Adhoc List |
| 2. ADH090P2 | User Number Table Adhoc List |
| 3. JCLGENP2 | JCL Generator - Reports |
| 4. MNT000P1 | Maintenance Scheduling Menu |
| 5. NEADOSLA | Local for NEADOSP1 |
| 6. NEADOSP1 | Processing ADOSS Reports |
| 7. NELOGON1 | Check logon userid and password for web input |
| 8. NEMS | NEMS Banner Screen |
| 9. NEUCEQPA | NEMS Capital Equipment by FSC (Summary) |
| 10. NEUCEQPB | NEMS Capital Equipment by FSC (Detail) |
| 11. NEUCEQPC | NEMS Capital Equipment by Heritage Code (Detail) |

12. NEUS14PA	NEMS Delete S14 (Web User ID) Table Entries
13. NEU090PA	NEMS Update 090 Table with S14 data
14. NEWDISN1	Disapproval assignment to your userid
15. NEWLBUN1	List all Buildings
16. NEWLEAN1	List Equipment waiting approval
17. NEWLEUN1	List Equipment assigned to a User Number
18. NEWLOAN1	List Equipment waiting approval by others
19. NEWLUSN1	List all Userids
20. NEWXFRN1	Change to a new user (Web User Number Change)
21. PRM401P1	Parameter NEMS Reconciliation
22. PRM402P1	Parameter Finance Reconciliation
23. PRM420P1	Parameter NEMS Controlled Equip
24. PRM422P1	Parameter NEMS Controlled Equip
25. PRM430P1	Parameter Finance Controlled Equip
26. PRM432P1	Parameter Finance Controlled Equip
27. RPTCHGMA	List Report Screen
28. RPTCHGNA	Report Cycle Update List
29. RPTCHGP1	Report Cycle Update
30. RPTSELP2	Report Distribution Menu Program
31. RPTSUBP1	Alter Scheduled Reports
32. RPT200P1	Capital Equipment Type Account Report
33. RPT201P1	Capital Equipment Type Account Report
34. RPT202P1	Capital Equipment Type Account Report
35. RPT401P1	NEMS Reconciliation Summary
36. RPT420P1	1324 – NEMS Controlled Equip – Summary
37. RPT422P1	1324 – NEMS Controlled Equip – Detail
38. RPT422P2	1324 – NEMS Controlled Equip – Detail
39. RPT422P3	1324 – NEMS Controlled Equip – Detail
40. RPT430P1	1324 – Finance Controlled Equip – Summary
41. RPT432P1	1324 – Finance Controlled Equip - Detail
42. RPT432P2	1324 – Finance Controlled Equip - Detail
43. RPT432P3	1324 – Finance Controlled Equip - Detail
44. RPT402P1	Finance Reconciliation Summary
45. TBL090P1	User Number Table Update
46. TRN004P1	Add Trans 04 (Receipt by Transfer from NASA Inst)
47. TRN013P1	Add Trans 13 (Receipt from Excess)
48. TRN015P1	Add Trans 15 (Receipt from ROR from History)
49. TRN019P1	Add Trans 19 (Reinstate items previously lost)
50. TRN021P1	Add Trans 21 (Receipt – Lease to Purchase)
51. TRN025P1	Change Trans 25 (Cost Change)
52. TRN039P1	Change Trans 39 (Borrowed Out-returned)
53. TRN041P1	Change Trans 41 (Loan/Lease Out-returned)
54. TRNW29N1	Change Trans 29 (Web Equip Location Change)
55. TRNW31N1	Change Trans 31 (Web User Number Change)
56. TRN063P1	Change Trans 63 (Reverse Add)
57. UPTBL200	Update Table 200

58.UPTBLS02	Update Table S02
59.UPTBLS05	Update Table S05
60.UPTBS02W	Update Table S02 for web

will be loaded to the application library NEMS, replacing any existing programs of the same name.

2. Load the NEMSINV source library from the dataset:
xxMOV.NEMS.PROD.R500.R0202.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The NEMSINV programs:

- | | |
|-------------|--|
| 1. INV | NEMS Inventory Banner Screen |
| 2. TRNI04P1 | Add Trans I04 (Receipt by Transfer from NASA Inst) |
| 3. TRNI13P1 | Add Trans I13 (Receipt from Excess) |
| 4. TRNI15P1 | Add Trans I15 (Receipt from ROR from History) |
| 5. TRNI19P1 | Add Trans I19 (Reinstate items previously lost) |

will be loaded to the application library NEMSINV, replacing any existing programs of the same name.

3. Load NEMSPCM source library from the dataset: xxMOV.NEMS.PROD.R500.R0202.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The NEMSPCM Programs:

- | | |
|-----------|----------------|
| 1. PCMMAP | PCM Banner Map |
|-----------|----------------|

will be loaded to the application library NEMSPCM, replacing any existing programs of the same name.

The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	1
MAPS	2
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	11
PROGRAMS	52
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	66

2.2 List of Source Code Modifications

The following are the modules added, modified, and deleted.

NOTE: Module names in **BOLD** have been changed since the Beta release.

Added Modules:

- | | |
|---------------------|----------------|
| 1. NEU090PA | Program |
| 2. NEUS14PA | Program |
| 3. PRM401P1 | Program |
| 4. PRM402P1 | Program |
| 5. PRM420P1 | Program |
| 6. PRM422P1 | Program |
| 7. PRM430P1 | Program |
| 8. PRM432P1 | Program |
| 9. RPTCHGMA | Map |
| 10. RPTCHGNA | Subpgm |
| 11. RPT401P1 | Program |
| 12. RPT402P1 | Program |
| 13. RPT420P1 | Program |
| 14. RPT422P1 | Program |
| 15. RPT422P2 | Program |
| 16. RPT422P3 | Program |
| 17. RPT430P1 | Program |
| 18. RPT432P1 | Program |
| 19. RPT432P2 | Program |
| 20. RPT432P3 | Program |
| 21. UPTBLS05 | Program |
| 22. UPTBS02W | Program |

Modified Modules:

1. ADH090P1	Program
2. ADH090P2	Program
3. INV	Program
4. JCLGENP2	Program
5. MNT000P1	Program
6. NEADOSLA	Local
7. NEADOSP1	Program
8. NELOGON1	Subpgm
9. NEMS	Program
10. NEWDISN1	Subpgm
11. NEWLBUN1	Subpgm
12. NEWLEAN1	Subpgm
13. NEWLEUN1	Subpgm
14. NEWLOAN1	Subpgm
15. NEWLUSN1	Subpgm
16. NEWXFRN1	Subpgm
17. NEUCEQPA	Program
18. NEUCEQPB	Program
19. NEUCEQPC	Program
20. PCMMAP	Map
21. RPTCHGP1	Program
22. RPTSELP2	Program
23. RPTSUBP1	Program
24. RPT200P1	Program
25. RPT201P1	Program
26. RPT202P1	Program
27. TBL090P1	Program
28. TRNI04P1	Program
29. TRNI13P1	Program
30. TRNI15P1	Program
31. TRNI19P1	Program
32. TRN004P1	Program
33. TRN013P1	Program
34. TRN015P1	Program
35. TRN019P1	Program
36. TRN021P1	Program
37. TRN025P1	Program
38. TRN039P1	Program
39. TRN041P1	Program
40. TRN063P1	Program
41. TRNW29N1	Subpgm
42. TRNW31N1	Subpgm
43. UPTBL200	Program

44. UPTBLS02 Program

Deleted Modules:

- | | |
|-------------|------|
| 1. ADHS14P1 | NEMS |
| 2. MNTWIDP1 | NEMS |
| 3. UPTBLS14 | NEMS |

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

4.1 Data Dictionary Changes

This release will include the new enhancements for Version 5.0.0. Details for changes in this release can be found under Section 4.1.3 Physical File Changes or by performing Predict reporting on the keyword NEMS-5.0.0.

Use SYSDICBE to load the PREDICT modifications from the dataset:
xxMOV.NEMS.PROD.R500.R0202.PRD.

The following NEMS DDMs should be generated after the PREDICT load is completed.

NEMS-TABLE

4.1.1 Inventory of Objects

The object types and inventory listed below represent a comprehensive count of the Predict object modules for this release.

PREDICT Objects by Type:

Keyword	-	1
ADABAS Files and Views	-	1

4.1.2 Storage Considerations

Not applicable with this release.

4.1.3 Physical File Changes

Release the following superdescriptor:

```
NEMS-TABLE                               File # 195
  Ty L Field ID                          F Length  Occ  D U DB S
  *- - -----                          *- - - - -  - - -  * * -- *
  SP 1 TBL-ID-USERID-INST-SUB-TBL-KEY    A      15.0      D   SC N
```

Using the following commands:

```
//DDKARTE DD *
ADADBS RELEASE FILE=195
ADADBS DESCRIPTOR='SC'
/*
```

Release the following descriptor:

```
NEMS-TABLE                               File # 195
  Ty L Field ID                          F Length  Occ  D U DB S
  *- - -----                          *- - - - -  - - -  * * -- *
  1 T-USER-NO                            A       6.0      D   AH N
```

Using the following commands:

```
//DDKARTE DD *
ADADBS RELEASE FILE=195
ADADBS DESCRIPTOR='AH'
/*
```

Modify the following field: (Renamed in PREDICT. Old name T-USER-NO, seen directly above)

```
NEMS-TABLE                               File # 195
  Ty L Field ID                          F Length  Occ  D U DB S
  *- - -----                          *- - - - -  - - -  * * -- *
  1 T-WEB-USER-ID                        A       8.0      D   AH N
```

Using the following commands:

```
//DDKARTE DD *
ADADBS CHANGE FILE=195,FIELD=AH,LENGTH=8
/*
```

Invert the following descriptor:

NEMS-TABLE				File # 195			
Ty	L	Field ID		F	Length	Occ	D U DB S
*-	-	-----		*-	-----	-----	* * -- *
	1	T-WEB-USER-ID		A	8.0		D AH N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=195
ADAINV TEMPSIZE=??,SORTSIZE=??
ADAINV FIELD= 'AH'
/*
```

Add the following field:

NEMS-TABLE				File # 195			
Ty	L	Field ID		F	Length	Occ	D U DB S
*-	-	-----		*-	-----	-----	* * -- *
	1	MAINFRAME-BKUP-DSN		A	44.0		AK N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=195
ADADBS FNDEF='01,AK,44,A,NU'
/*
```

Invert the following superdescriptor:

NEMS-TABLE				File # 195			
Ty	L	Field ID		F	Length	Occ	D U DB S
*-	-	-----		*-	-----	-----	* * -- *
SP	1	TBL-ID-INST-SUB-WEB-USER-ID		A	13.0		D SD N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=195
ADAINV TEMPSIZE=??,SORTSIZE=??
ADAINV SUPDE='SD=TA(1,5),AH(1,8)'
/*
```

5.0 Catalog Source Code

The following modules should be changed before the CATALOG is run. Modules NEMS, INV000P0, and MNUC00P1 need to be modified at each center to contain the correct contact name and phone number for each center. Replace the ?? in MSD008P1 and MSD008P5 with your installation number.

Run a batch job to catalog (CATALL) all modules in the NEMS library using the NASA Batch Standard Parameters replacing the existing PS and LS with the following values: PS=23 and LS=80. It is not necessary to catalog the Global Data Area (GDA).

You should receive 38 NATURAL 0303 errors for modules that begin with RPT* that concern page overflow and 32 programs will produce NATURAL 0002 errors. Program MSC005P1 will not compile. There should be a total of 71 NATURAL errors.

A list of errors found above and dispositions of these results follows:

- To compile the NATURAL 0303 errors correctly, run another CATALOG for the RPT* modules in the NEMS library using the NASA Batch Standard Parameters. You should receive 12 NATURAL 0002 errors. Ignore the 0002 errors because these objects are dynamic.
- The 32 NATURAL 0002 errors from the first CATALOG are to be IGNORED because these objects are dynamic.
- MSX001P1 will only compile for centers that use the NEMS-PRIOR-MONTH file.
- IGNORE any errors for program MSC005P1.

Run a batch job to catalog (CATALL) all modules in the NEMSINV library using the NASA Batch Standard Parameters. It is not necessary to catalog the Global Data Area (GDA). There should be no errors received.

Run an online catalog (CATALL) on module TRNI34P1 and TRNILOP3 to prevent problems with access to the second screen.

Run a batch job to catalog (CATALL) all modules in the NEMSPCM library using the NASA Batch Standard Parameters. It is not necessary to catalog the Global Data Area (GDA). There should be one NATURAL 0043 error received. See Section 9.0 Installation Checklist for instructions on how to correct these errors.

After all objects are compiled, the NEMS application will run under the NASA On-line Standard Parameters.

6.0 Post-Predict Data Conversion

Not applicable with this release.

7.0 Perform Release-Specific Procedures

7.1 Run UPTBLS02 (Error Table)

Run UPTBLS02 online or batch. This will update the error table with the new error messages – 1) G11 – Capitalization Amount cannot be greater than cost, 2) G12 – This report cannot be scheduled for ADOSS, 3) G13 – Cannot schedule more than 10 of the same report, 4) G14 – Previous function cancelled, 5) G15 – Capitalization Amount must be changed, 6) 283 – Web User ID must be unique, please re-enter, 7) 284 – Email address must be blank if Web User ID not entered, and 8) 285 – Web User Password must be blank if Web User ID not entered.

7.2 Add new field to Table 200

The following is an example of how the table should be look:

20008R010P100MSIRM.NEMSDD.A01000 (44 spaces) MSIRM.NEMSDD.ADOSS.01000 (44 spaces) A(1space)

MSIRM.NEMSDD.ADOSS.A01000.BKUP(44 spaces) (This should continue on the line above in the table.)

The following is a description of the spacing for the table:

- 3 spaces – table number (Table-Id-Key)
- 2 spaces – Sub-Installation number (Table-Id-Key)
- 6 spaces – Report Name (Table-Id-Key)
- 2 spaces – CMPrint location (00,01,02, etc.) (Table-Id-Key)
- 44 spaces – Work file name (Mainframe-DSN)
- 44 spaces – ADOSS work file name (ADOSS-Server-DSN)
- 1 space – ADOSS transmit indicator (ADOSS-Transmit-Ind)
- 44 spaces – Work file name (Mainframe-Bkup-DSN)

Above is an example of the whole table. If you already have Table 200 loaded, you should only need to add the last field (Mainframe-Bkup-DSN). To load Table 200, use UPTBL200. You will need to change the work file name to what your dataset name will be.

7.3 Create Dataset for Backup files

You will need to create a file for the backup files. An example for the file name is: MSIRM.NEMSDD.ADOSS.SYSIN.BKUP. This file should be allocated as follows:

Record format – FB

Record Length – 72

Block Size – 720

7.4 Add new reports to Table 200

The following reports need to be added to Table 200: 401, 402, 420, 422, 430, and 432. Also make sure to allocate the new files for each. Below is an example of 401:

```
20008R401P100MSIRM.NEMSDD.A40100(44 spaces)MSIRM.NEMSDD.ADOSS.40100(44 spaces)A(1 space)
MSIRM.NEMSDD.ADOSS.A40100.BKUP(44 spaces) (this line is continued from above)
```

7.5 Run UPTBLS05 (Report Table)

Run UPTBLS05 online or batch. This will update the report table with the new reports – 1) 401 – NEMS Reconciliation Summary, 2) 402 – Financial Reconciliation Summary, 3) 420 – 1324 – Capital Equipment - NEMS, 4) 422 – 1324 – Capital Equipment – NEMS (Detail), 5) 430 – 1324 – Capital Equipment - Finance, and 6) 432 – 1324 – Capital Equipment – Finance (Detail).

7.6 Run NEU090PA (User No Table)

Run NEU090PA online or batch. This will update the User No table (090) with the Web User Table (S14) information.

7.7 Run NEUS14PA (Web User ID Table)

Run NEUS14PA online or batch. This will delete the Web User ID Table (S14).

8.0 Local JCL Mods

Other JCL changes may be necessary due to differences in each center's JCL. Changes are in **bold**:

```
000071 JCLDD 100760 X //CMWK19 DD DUMMY
000072 JCLDD08 100770 X //CMWK20 DD DSN=MSIRM.NEMSDD.RPT420.DATA,
000073 JCLDD08 100772 X // UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
000074 JCLDD08 100774 X // DCB=(RECFM=FB),DISP=(OLD,KEEP,KEEP)
000075 JCLDD 100780XXXX X XX//CMSYNIN DD *
000076 JCLNATLG100790X XX X X NEDEVL,NEBATCH

000195 JCLDD 900300 X //CMWK03 DD DSN=MSIRM.NEMS.JOURNAL,DISP=OLD
000196 JCLDD 900350 X //CMWK20 DD DSN=MSIRM.NEMSDD.ADOSS.SYSIN,
000197 JCLDD 900351 X // DISP=OLD
000198 JCLDD 900352 X //CMWK21 DD DSN=MSIRM.NEMSDD.ADOSS.SYSIN.BKUP,
000199 JCLDD 900353 X // DISP=OLD (This can be a GDG)
000200 JCLDD 900500XXXX X XX//CMSYNIN DD *
000201 JCLNATLG900510X XX X X NEDEVL,NEBATCH

000208 JCLPGM 900580 X JRNCLRP1
000209 JCLPGM2 900585 X NEADOSP1
000210 JCLNAT 900590XXXX X XXFIN
```



```

000211 JCLEXEC 900591      X //ADOSBKUP EXEC PGM=IDCAMS,COND=(4,LE)
000212 JCLDD    900592      X //SYSPRINT DD SYSOUT=*
000213 JCLDD    900593      X //SYSIN     DD DSN=MSIRM.NEMSDD.ADOSS.SYSIN.BKUP,
000214 JCLDD    900594      X //                      DISP=OLD
000215 JCLEXEC 900600      X //FTP04     EXEC PGM=FTP,COND=(4,LE),PARM='(EXIT'
000216 JCLDD    900610      X //SYSUDUMP DD SYSOUT=*
000217 JCLDD    900620      X //SYSPRINT DD SYSOUT=*

```

The following is the JCL changes for the program NEUCEQPA:

```

000008 //CMWK01 DD DSN=MSIRM.NEMSDD.EQUIPBAK.CCR308,
000009 //                      DISP=(SHR,KEEP,KEEP)
000010 //CMWK02 DD DSN=MSIRM.NEMSDD.R308A,
000011 //                      DISP=(NEW,KEEP,DELETE),
000012 //                      DCB=(RECFM=VB,LRECL=450,BLKSIZE=4500),
000013 //                      SPACE=(TRK,(5,3),RLSE),
000014 //                      UNIT=SYSDA
000015 //CMSYNIN DD *
000016 NEDEV,MSJLV
000017 %*
000018 MSJLV
000019 NEUCEQPA 0808 20001001
000020 FIN
000021 /*

```

The following is the JCL changes for the program NEUCEQPB:

```

000008 //CMWK01 DD DSN=MSIRM.NEMSDD.EQUIPBAK.CCR308,
000009 //                      DISP=(SHR,KEEP,KEEP)
000010 //CMWK02 DD DSN=MSIRM.NEMSDD.R308B,
000011 //                      DISP=(NEW,KEEP,DELETE),
000012 //                      DCB=(RECFM=VB,LRECL=90,BLKSIZE=9000),
000013 //                      SPACE=(TRK,(5,3),RLSE),
000014 //                      UNIT=SYSDA
000015 //CMSYNIN DD *
000016 NEDEV,MSJLV
000017 %*
000018 MSJLV
000019 NEUCEQPB 0808 20001001
000020 FIN
000021 /*

```

The following is the JCL changes for program NEUCEQPC:

```

000008 //CMWK01 DD DSN=MSIRM.NEMSDD.EQUIPBAK.CCR308,
000009 //                      DISP=(SHR,KEEP,KEEP)

```

```

000010 //CMWKF02 DD DSN=MSIRM.NEMSDD.R308C,
000011 //          DISP=(NEW,KEEP,DELETE),
000012 //          DCB=(RECFM=VB,LRECL=98,BLKSIZE=9800),
000013 //          SPACE=(TRK,(5,3),RLSE),
000014 //          UNIT=SYSDA
000015 //CMSYNIN DD *
000016 NEDEVL,MSJLV
000017 %*
000018 MSJLV
000019 NEUCEQPC 0808 (No changes for this JCL - does not use check date)
000020 FIN
000021 /*

```

9.0 Installation Checklist

1.0 Back Up Existing Data

2.0 Copy Source

2.1 Copy Source Code

2.2 List of Source Code Modifications

3.0 Pre-Predict Data Conversion

4.0 Install Predict

4.1 Data Dictionary Change

4.1.1 Inventory of Objects

4.1.2 Storage Considerations

4.1.3 Physical File Changes

5.0 Catalog Source Code

Update the Password to the NEMS-PCM-AUTH file in PCM programs: MNUC00P1; MNUC01P1; RPTSUBP1; TRNC00P1; TRNC26P1; TRNC52P1; TRNUPDP1. This step is optional if the Center chooses not to put a password on the NEMS-PCM-AUTH file.

A. Find out from your DBA the ADABAS Security password assigned to the NEMS-PCM-AUTH file at your installation.

B. Logon to the NEMSPCM and use the Scan utility to search the NEMSPCM programs listed above for the word:

PASSWORD = 'NEMSPCM' and replace it with:

PASSWORD = 'Your site Password'. This scan and replace will change all references to the password with your installation's password.

6.0 Post-Predict Data Conversion

7.0 Perform Release-Specific Procedures

7.1 Run UPTBLS02 (Error Table)

7.2 Add new field to Table 200

7.3 Create Dataset for Backup files

7.4 Add new reports to Table 200

7.5 Run UPTBLS05 (Report Table)

7.6 Run NEU090PA (User No Table)

7.7 Run NEUS14PA (Web User ID Table)

8.0 Local JCL Mods

Appendix E- Backup ADOSS Reports

The following is the JCL needed to backup ADOSS reports for more than one day:

```
//IRNEMS JOB (AGAOHNEMS002,4201),'ALLOCATE',CLASS=D,  
//      NOTIFY=MSKKF,MSGCLASS=Z
```

/* DELETE PDS - Startup Job before JCL runs

```
//STEP1      EXEC PGM=IEFBR14  
//SYSPRINT   DD SYSOUT=*  
//OLDGDG     DD DSN=MSIRM.NEMSDD.ADOSS,  
//           DISP=(MOD,DELETE,DELETE),UNIT=SYSDA,SPACE=(TRK,(30,30,10),RLSE),  
//           DCB=(RECFM=FB)
```

/* CREATE A PDS - Startup Job before JCL runs

```
//STEP2      EXEC PGM=IEFBR14  
//SYSPRINT   DD SYSOUT=*  
//NEWGDG     DD DSN=MSIRM.NEMSDD.ADOSS,  
//           DISP=(,CATLG,),UNIT=SYSDA,SPACE=(TRK,(30,30,10),RLSE),  
//           DCB=(RECFM=FB)
```

/* COPY A PDS TO A SEQUENTIAL FILE - IN NEMS JCL

```
//STEP1      EXEC PGM=IEBCOPY  
//SYSPRINT   DD SYSOUT=*  
//I1         DSN=MSIRM.NEMSDD.ADOSS,  
//           DISP=OLD  
//OUTDD      DD DSN=MSIRM.NEMSDD.ADOSS.BKUP(+1),  
//           DISP=(NEW,CATLG),UNIT=SYSDA,SPACE=(CYL,(10),RLSE),  
//           DCB=(RECFM=FB)  
//SYSIN      DD *  
            COPY O=OUTDD,I=((I1,R))
```

/* RELOAD PDS FROM SEQUENTIAL SAVE FILE - Stand alone JCL

```
//STEP1      EXEC PGM=IEBCOPY  
//SYSPRINT   DD SYSOUT=*  
//OUTDD      DD DSN=MSIRM.NEMSDD.ADOSS.HELD,  
//           DISP=(,CATLG),UNIT=SYSDA,SPACE=(TRK,(30,30,10),RLSE)  
//I1         DD DSN=MSIRM.NEMSDD.ADOSS.BKUP(+0), DISP=OLD  
//SYSIN      DD *  
            COPY O=OUTDD,I=((I1,R))
```

After this JCL has been changed Table 200 needs to be changed to use PDS files. The MAINFRAME-BKUP-DSN needs to be changed to the following (for each report):

MSIRM.NEMSDD.ADOSS(RPT30003) **(This is an example)**